RCA

Television User's Guide

Please read this manual before operating this product for the first time.

The New Era in Entertainment.

TOCOM 1583575A

Model: CR29TF420

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Important Information

WARNING

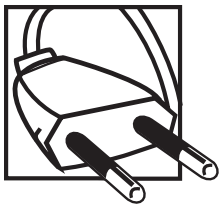
To reduce the risk of fire or electric shock, do not expose this TV to rain or moisture.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.

This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.

This symbol indicates important instructions accompanying the product.



Caution: To prevent electric shock, insert plug firmly into outlet.

Power Consumption: 99-242V ~ 50/60 Hz A.C.
145 W (for model CR29TF420)

If fixed (non-moving) images are left on the screen for long periods, they may be permanently imprinted on the picture tube. Such images include network logos, phone numbers, and video games. This damage is not covered by your warranty. Extended viewing of channels displaying these images should be avoided.

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Table of Contents

Chapter 1: Setup and Connections

Things to Consider Before You Connect **4**
Choose Your Connection **5**
Cables Needed to Connect Components to Your TV 5
TV + VCR 6
TV + VCR + Satellite Receiver 7
TV + VCR + DVD 8
TV + DVD + Audio Receiver 9
Plug in the TV **10**
Put Batteries in the Remote **10**
How to Use the Remote Control to Complete Setting Up the TV **10**
Turn on the TV **10**
Finishing the Setup **11**
Setting Up the Channel Guide **12**
Adding Channels to the Guide 12
Using the Guide 12

Chapter 2: Using the Remote Control

The Buttons on the Remote Control **14**
Programming the Remote to Operate Other Components **16**
Find Out If You Need to Program the Remote 16
How to Program the Remote 16
How to Use the Remote After You've Programmed It **17**
Code List **18**

Chapter 3: Menus and Features

Menu Icons **20**
Image & Sound Menu **20**
Tuning Menu **22**
Other Resources Menu **23**
Channel Marker **24**

Chapter 4: Other Information

Troubleshooting **26**
Care and Cleaning **27**
The Front of Your TV **28**
Index **29**

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Connections & Setup

Chapter Overview:

- Things to Consider Before You Connect
- Choose Your Connection
- Connections
- Plug in the TV
- Put Batteries in the Remote
- How to Use the Remote Control to Complete Setting Up the TV
- Finishing the Setup
- Setting Up the Channel Guide

The New Era in Entertainment.

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Things to Consider Before You Connect

Protect Against Power Surges

- Connect all components before you plug any of their power cords into the wall outlet.
- Turn off the TV and/or component before you connect or disconnect any cables.
- Make sure all antennas and cables are properly grounded. Refer to the Important Safeguards sheet packed with your TV.

Protect Components from Overheating

- Don't block ventilation holes on any of the components. Arrange the components so that air can circulate freely.
- Don't stack components.
- When you place components in a stand, make sure you allow adequate ventilation.
- If you connect an audio receiver or amplifier, place it on the top shelf so the heated air from it won't flow around other components.

Position Cables Properly to Avoid Audio Interference

- Insert each cable firmly into the designated jack.
- If you place components above the TV, route all cables down the side of the back of the TV instead of straight down the middle.
- If your antenna uses 300-ohm twin lead cables, do not coil the cables. Also, keep the twin lead cables away from audio/video cables.

Important Stand and Base Safety Information

Choose the location for your TV carefully. Place the TV on a stand or base that is of adequate size and strength to prevent the TV from being accidentally tipped over, pushed off, or pulled off. This could cause personal injury and/or damage the TV. Refer to the Important Safeguards sheet packed with your TV.

Use Indirect Light

Don't place the TV where sunlight or room lighting will be directed toward the screen. Use soft or indirect lighting.

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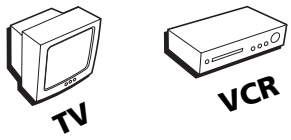
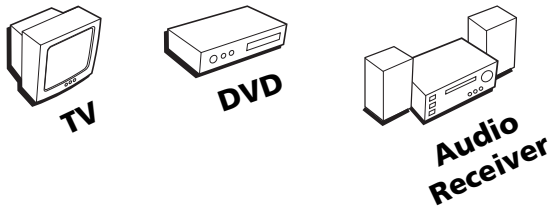
Choose Your Connection

There are several ways to connect your TV. Please use the following chart to determine which connection is best for you. Proceed to the appropriate page and connect your TV.

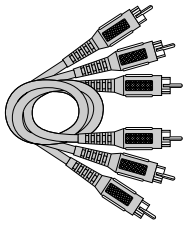
Components	Cables Needed	Connection Title	Go to...
	Coaxial Audio/Video	TV + VCR	page 6
	Coaxial Audio/Video S-Video	TV + VCR + Satellite Receiver	page 7
	Coaxial Audio/Video S-Video	TV + VCR + DVD	page 8
	Coaxial Audio/Video S-Video	TV + DVD + Audio Receiver	page 9

Cables Needed to Connect Components to Your TV

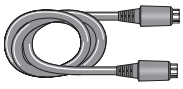
You will need the following types of cables for the connections represented in this book.

Notes: Audio/Video cables (A/V cables for short) are usually sold as a bundled set, but the connection pictures in this book show each cable separately for better visibility. Use the white and red cables for audio connections and the yellow cable for video connections.

Coaxial cable



Audio/Video cables



S-Video cable

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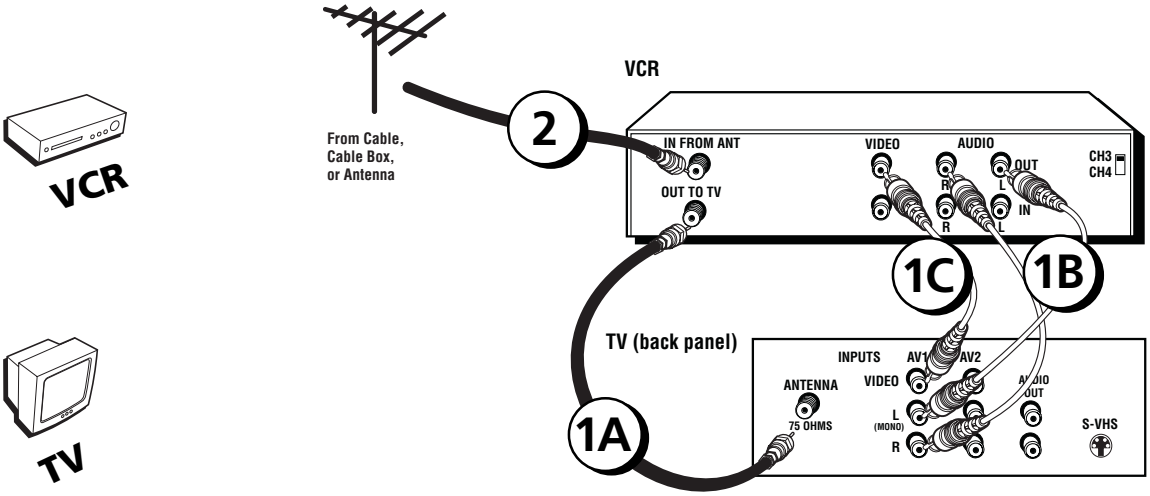

TV + VCR

1. Connect your TV to your VCR

A. Connect a coaxial cable to the ANTENNA jack on your TV and to the output jack on your VCR (sometimes labeled OUT TO TV).

B. Connect the white and red audio cables to the AV1 L and R audio input jacks on the back of the TV and to the corresponding audio output jacks on the VCR.

C. Connect the video cable (yellow) to the AV1 VIDEO input jack on the back of the TV and to the video output jack on the VCR.

2. Connect cable or antenna to your VCR

Connect the coaxial cable from your cable outlet, cable box, or antenna to the input jack on your VCR (sometimes labeled IN FROM ANT).

Go to page 10

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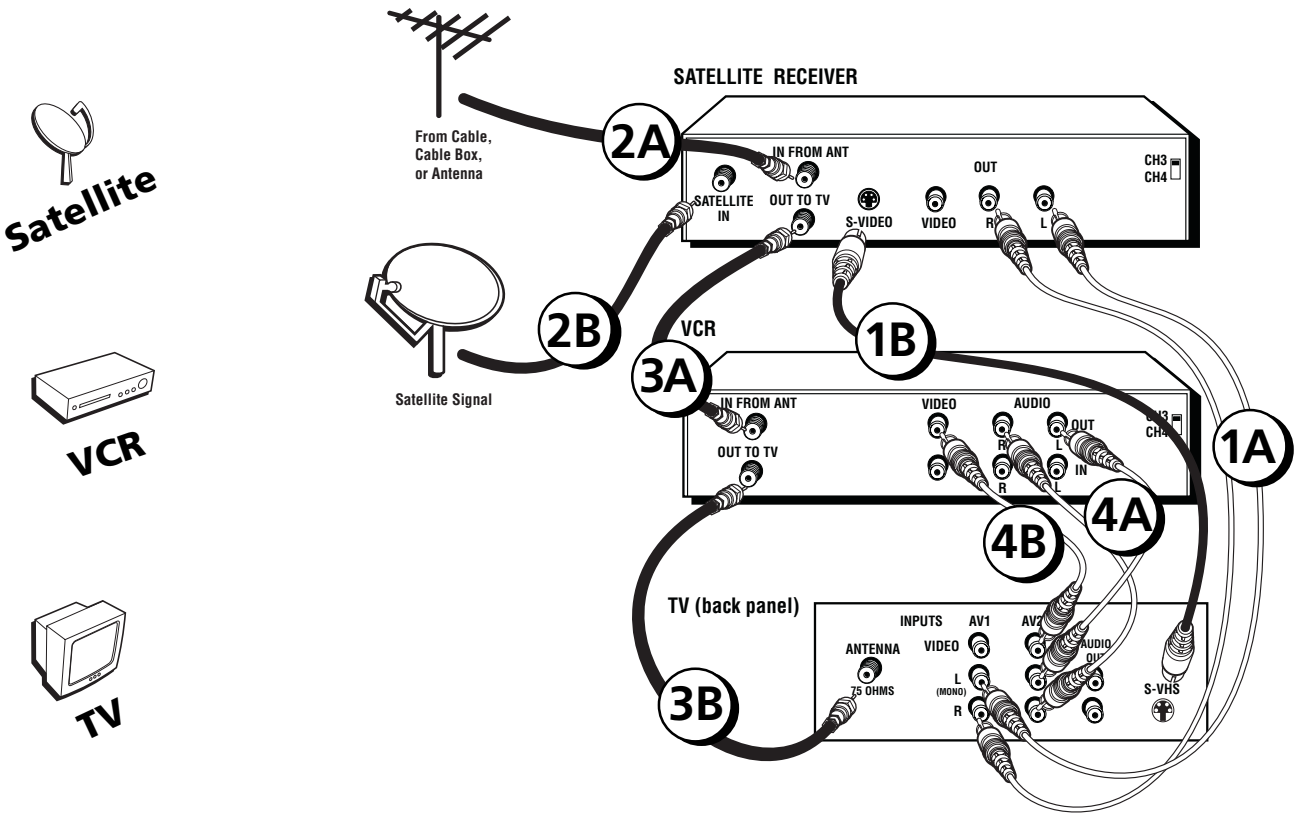

TV + VCR + Satellite Receiver

1. Connect your Satellite Receiver to your TV

A. Connect the white and red audio cables to the AV1 L and R audio input jacks on the back of the TV and to the audio output jacks on the satellite receiver.

B. Connect an S-Video cable (not supplied) to the S-VHS jack on the back of the TV and to the S-Video output jack on the satellite receiver.

Note: If your satellite receiver does not have an S-Video jack, use a regular video cable to connect the satellite receiver's video output to the TV's AV1 VIDEO jack.

2. Connect coaxial cables to your Satellite Receiver

A. Connect the coaxial cable from your cable outlet, cable box, or antenna to the input jack on your satellite receiver (sometimes labeled IN FROM ANT).

B. Connect the coaxial cable from your satellite dish antenna to the input jack on your satellite receiver (sometimes labeled SATELLITE IN).

3. Connect your Satellite Receiver to your VCR and TV

A. Connect a coaxial cable to the output jack (sometimes labeled OUT TO TV) on the satellite receiver and to the input jack on the VCR (sometimes labeled IN FROM ANT).

B. Connect a coaxial cable to the output jack on the VCR (sometimes labeled OUT TO TV) and to the ANTENNA jack on the TV.

4. Connect your VCR to your TV

A. Connect the white and red audio cables to the AV2 L and R audio input jacks on the back of the TV and to the corresponding audio output jacks on the VCR.

B. Connect the video cable (yellow) to the AV2 VIDEO input jack on the back of the TV and to the video output jack on the VCR.

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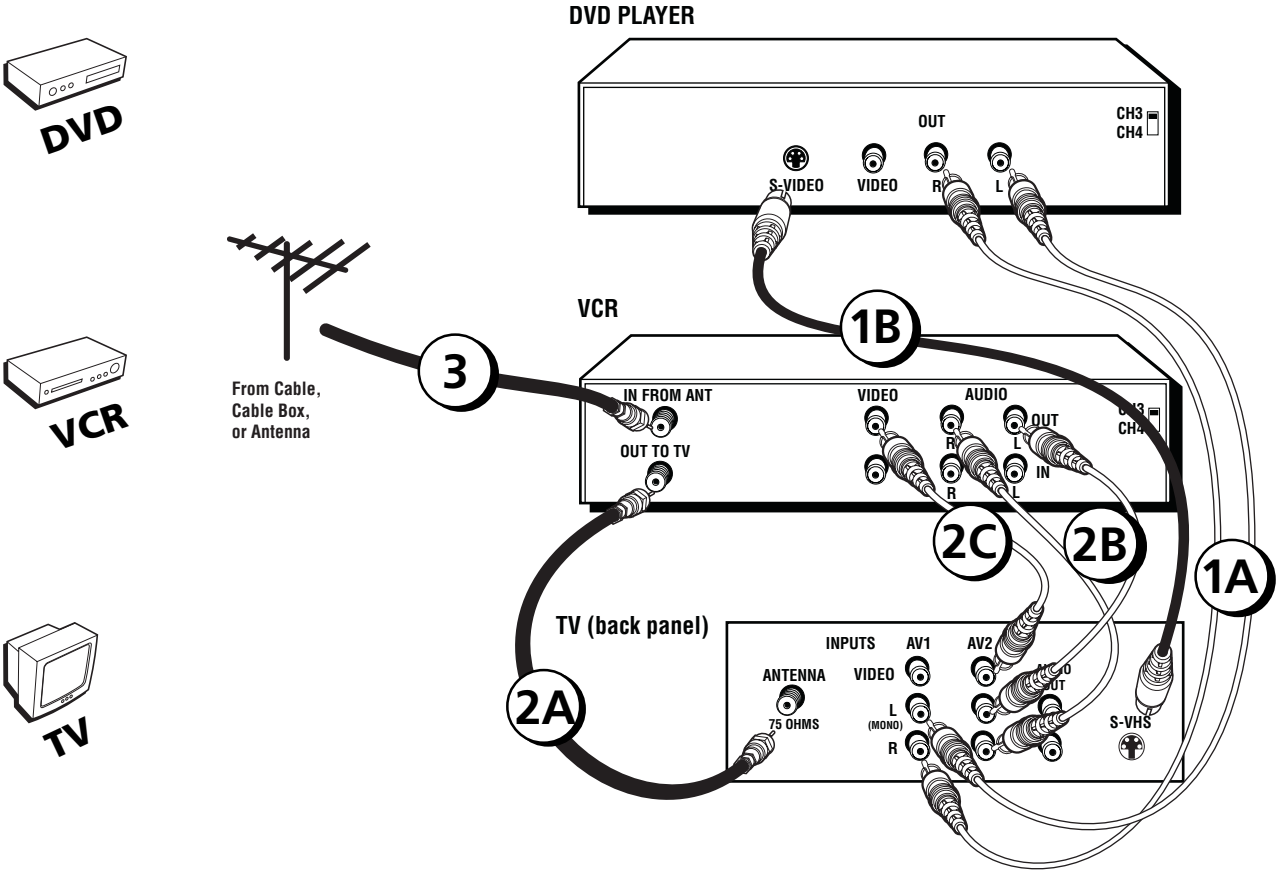

TV + VCR + DVD

1. Connect your DVD player to your TV

A. Connect the white and red audio cables to the AV1 L and R audio input jacks on the back of the TV and to the audio output jacks on the DVD player.

B. Connect an S-Video cable (not supplied) to the S-VHS jack on the back of the TV and to the S-Video output jack on the DVD player.

Note: If your DVD player does not have an S-Video jack, use a regular video cable to connect the DVD player's video output to the TV's AV1 VIDEO jack.

2. Connect your VCR to your TV

A. Connect a coaxial cable to the ANTENNA jack on your TV and to the output jack on your VCR (sometimes labeled OUT TO TV).

B. Connect the white and red audio cables to the AV2 L and R audio input jacks on the back of the TV and to the corresponding audio output jacks on the VCR.

C. Connect the video cable (yellow) to the AV2 VIDEO input jack on the back of the TV and to the video output jack on the VCR.

3. Connect cable or antenna to your VCR

Connect the coaxial cable from your cable outlet, cable box, or antenna to the input jack on your VCR (sometimes labeled IN FROM ANT).

Go to page 10

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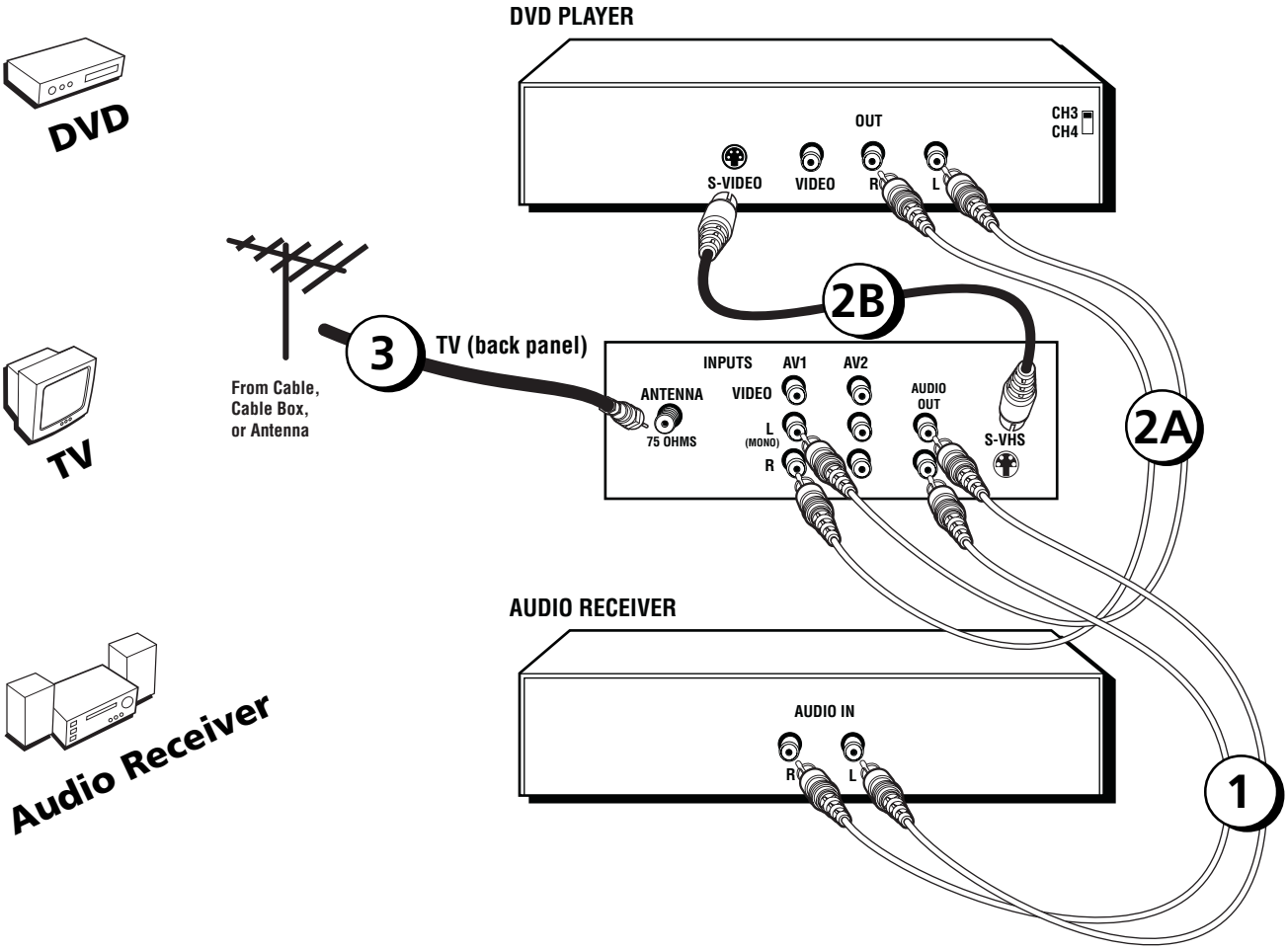

TV + DVD + Audio Receiver

1. Connect your TV to your Audio Receiver

Connect the left and right audio cables to your audio receiver and to the AUDIO OUT L (left – white) and R (right – red) jacks on the back of your TV.

2. Connect your DVD player to your TV

A. Connect the white and red audio cables to the AV1 L and R audio input jacks on the back of the TV and to the audio output jacks on the DVD player.

B. Connect an S-Video cable (not supplied) to the S-VHS jack on the back of the TV and to the S-Video output jack on the DVD player.

Note: If your DVD player does not have an S-Video jack, use a regular video cable to connect the DVD player's video output to the TV's AV1 VIDEO jack.

3. Connect cable or antenna to your TV

Connect the coaxial cable from your cable outlet, cable box, or antenna to the ANTENNA Jack on your TV.

Go to page 10

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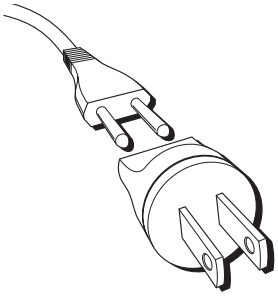
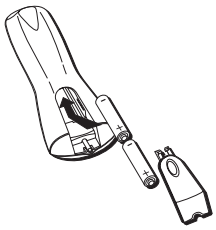


Plug in the TV

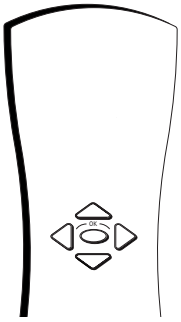
Plug the end of the power cord into the wall outlet. Make sure to insert the plug completely into the outlet.

Depending on the type of wall outlets in your country, you might need to use an adapter to plug in the TV.



Put Batteries in the Remote

1. Remove the battery compartment cover on the remote.
2. Insert new batteries. Match the polarities (+ and -) on the batteries with the diagram on the remote.
3. Put the battery compartment cover back on the remote.



Use the arrow buttons to move through the menu system. Use the OK or right arrow button to select items.

How to Use the Remote Control to Complete Setting Up the TV

The technical term is "Navigation" – how you move through the on-screen menus. The theory is the same throughout the menu screens: move the cursor to your choice and select it.

To move the cursor, use the up and down arrow buttons. To change an item's setting, use the left and right arrow buttons.

Press OK or the right arrow button to select an item.

Turn on the TV

Press the ON•OFF button on the remote control or the POWER button on the TV itself.

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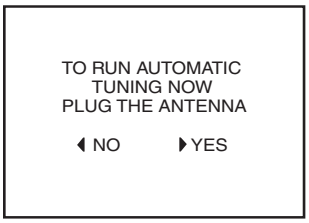
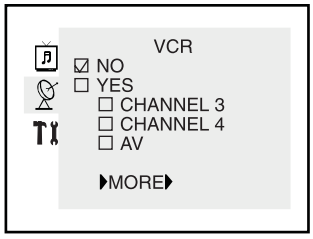


Finishing the Setup

The first time you tur n on your TV, the scr een shown on the left appears.

Your TV can sear ch for all channels that ar e viewable thr ough your antenna or cable-TV system. This is sometimes called automatic tuning. Follow the steps below to start automatic tuning.

1. Make sur e you have either an of f-air antenna or another component connected to the ANTENNA jack on the back of your TV .
2. Press the left ar row button to continue the setup pr ocedur e.
3. In the next screen (shown on the left), use the up and down arrow buttons to highlight your selection.



NO Choose this option if you didn't connect a VCR to your TV.

YES Choose this option if you connected a VCR to your TV. Then select the video input channel for your VCR according to the way you connected it to your TV.

CHANNEL 3 or **CHANNEL 4** Sets the video input channel to channel 3 or 4. Choose this option if you used an RF coaxial cable (*without* audio/video cables) to connect the VCR to the TV. Try to select the channel number that is not active in your area.

AV Sets the video input channel to the first set of audio/video inputs. Choose this option if you used audio/video/S-Video cables to connect your VCR to your TV.

4. Press the left arrow button to start automatic tuning.

   Your TV automatically cycles through all channel numbers and places the active channels into channel memory. When your TV is finished, it tunes to the lowest channel in its channel memory.

5. Press CH+ or CH- to access the channels in the channel list. The channels can also be accessed using the number buttons on the remote.

   Note: If you change your location or cable company, you will need to run Automatic Tuning again.

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Setting Up the Channel Guide

Your TV has a built-in guide that allows you to set up lists of your favorite channels, organized into five categories:

Movies,

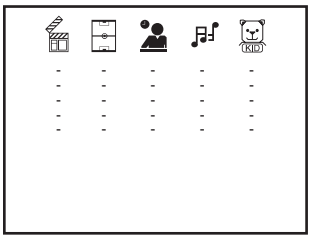
Sports,

News,

Music, and

Childrens' entertainment.

You can choose up to five channels for each category.



Adding Channels to the Guide

The first time you turn on your TV, the Channel Guide is empty.

To add your favorite channels to each category:

1. Press GUIDE on the remote control.
2. Use the arrow buttons to highlight a space in the category you want.
3. Add channels to the list with the number buttons on the remote control.
4. When you're done, press GUIDE to exit.

Using the Guide

Once you've set up a list of your favorite channels, you can use the Channel Guide to access them directly.

1. Press GUIDE.
2. Use the left and right arrow buttons to highlight the category you want.
3. Use the up and down arrow buttons to highlight the channel you want.
4. Press OK or GUIDE to tune to the selected channel.

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Using the Remote Control

Chapter Overview:

- The Buttons on the Remote Control
- Programming the Remote to Operate Other Components
- How To Use the Remote After You've Programmed It
- Code List

The New Era in Entertainment.

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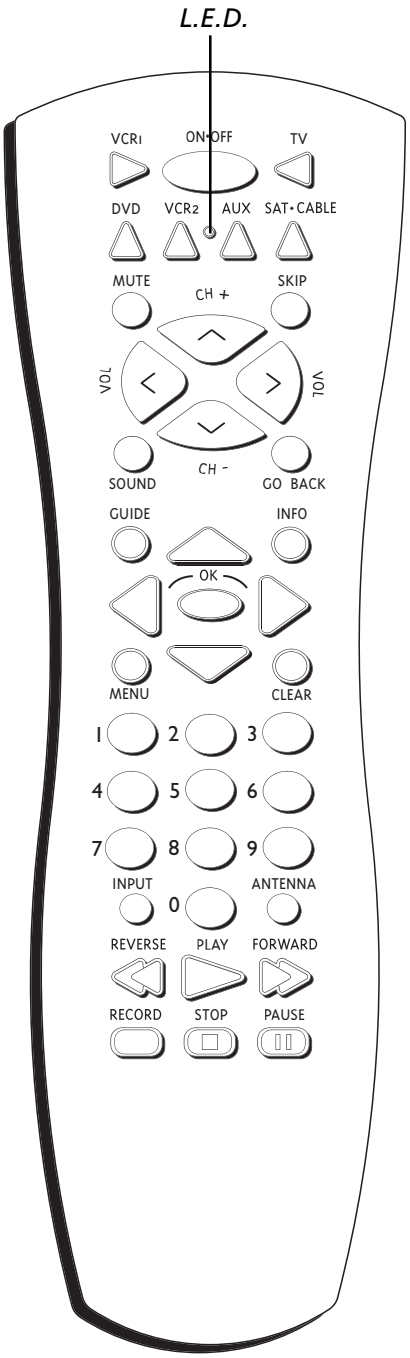

The Buttons on the Remote Control

0-9 (Number buttons) Enter channel numbers and time settings directly through the remote control.

Arrow buttons (up, down, left, right) Press the arrow buttons to move through the on-screen menu system.

ANTENNA Functions as TV/VCR button in VCR mode and TV/receiver button in SAT•CABLE mode.

AUX (auxiliary) Puts the remote in auxiliary mode to operate the component you've programmed the remote to operate with this button. You can program this button to control a cable box, satellite receiver, Dimensia audio components, some RCA audio components, a laserdisc player, or a VCR.

CH+ and CH– buttons Scan up or down through the current channel list. Press once to change the channel up or down; press and hold to continue changing channels.

CLEAR Removes any menu or display from the screen and returns you to TV viewing.

DVD Puts the remote in DVD mode to operate RCA, GE and Proscan DVD players. It cannot be programmed.

FORWARD If you're operating a VCR or DVD player with the remote control, press FORWARD to advance a disc or videotape.

GO BACK Returns you to the previous channel.

GUIDE Accesses the TV's channel guide. If you're operating another component that has a guide, this button accesses the on-screen guide.

INFO Displays channel information.

INPUT In TV mode, press INPUT to toggle through the available Video Input channels. In SAT mode, press to select available channel lists for RCA, GE and Proscan satellite receivers.

L.E.D. (light-emitting diode) The little light on the remote that lights when you are programming the remote. It also lights when you press a valid button on the remote.

MENU Displays the TV's main menu and selects highlighted items.

MUTE Lowers the volume to its minimum level. Press again to restore volume.

OK Selects items in the TV's menu system. If you're operating another component, the OK button might allow you to select a highlighted item in the on-screen menu.

ON•OFF Turns the TV on and off. When the remote is in another mode (VCR, DVD, Satellite, etc.) and the remote is programmed to operate that component, you can press ON•OFF to turn the component on and off.

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Tip

To turn off all the RCA, GE, and PROSCAN components that are connected to the TV, press ON•OFF twice within two seconds.

This feature only works with most RCA, GE and PROSCAN products.

PAUSE If you're operating a VCR or DVD player with the remote control, press PAUSE when the disc or videotape is playing to pause playback.

PLAY If you're operating a VCR or DVD player, plays the disc or videotape.

RECORD If the remote is in VCR mode, press RECORD to start recording.

REVERSE If you're operating a VCR or DVD player with the remote control, press REVERSE to go backwards on a disc or videotape.

SAT•CABLE Puts the remote in SAT•CABLE mode.

SKIP If you press this button before you change the channel, the TV waits 30 seconds and automatically goes back to the original channel. Each time you press SKIP, you add 30 seconds (i.e, if you press SKIP two times before you change the channel, the TV waits 60 seconds and automatically turns back to the original channel).

SOUND Toggles between the available sound modes for the TV – *STEREO*, *MONO*, or *SAP*. If you're operating another component with several sound options, this button displays those options.

STOP If you're operating a VCR or DVD player, stops playing the disc or videotape.

TV Turns on the TV and puts the remote in TV mode. Also displays channel information.

VCR1 Puts the remote in VCR1 mode.

VCR2 Puts the remote in VCR2 mode.

VOL (up and down) buttons Decrease or increase the TV's volume.

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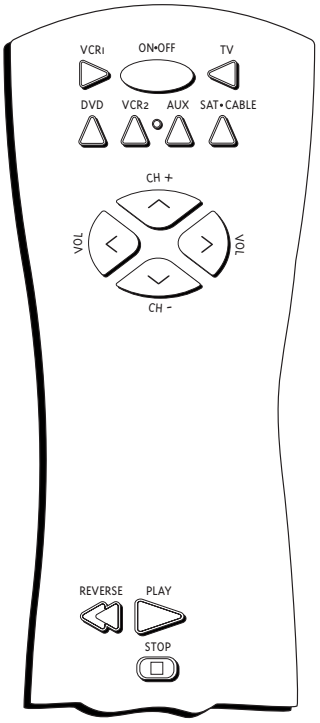

You'll use these buttons when you program the remote to operate another component.

The remote may not operate all models of all brands.

Programming the Remote to Operate Other Components

The universal remote control can be programmed to operate most brands of remote controllable VCRs, satellite receivers and cable boxes. The remote is already programmed to operate most RCA, GE and Proscan TVs, VCRs, DVD players, laserdisc players and satellite receivers.

Find Out If You Need to Program the Remote

To determine whether the universal remote needs to be programmed, turn a component ON, such as a VCR, point the remote at the VCR, and press the VCR1 button. Then press ON•OFF or channel up or channel down to see if the VCR responds to the remote commands. If not, the remote needs to be programmed.

Note: The DVD button cannot be programmed. It can be used to operate RCA, GE and Proscan DVD players only.

How to Program the Remote

There are two ways to program the remote control: automatic code search and direct entry. Instructions for both ways follow.

Using Automatic Code Search

1. Turn on the component you want the remote to operate (VCR, cable box, satellite receiver)
2. Press and hold the component button on the remote control that corresponds to the component you want the remote to operate (VCR1, SAT•CABLE). While you hold down the component button, press and hold ON•OFF (when the light on the remote turns on, release both buttons).
3. Press PLAY (the light on the remote, located below the ON•OFF button, starts flashing).

   The remote is searching the first set of component codes (there are 20 sets of codes). If the component you want to operate doesn't turn off automatically after 5 seconds, press PLAY again (the light starts flashing again as the remote searches through the next set of codes).

   Continue pressing PLAY until the component turns off.

   Note: If the component doesn't turn off after you've pressed the PLAY button 20 times, the component can't be programmed.
4. Press REVERSE, wait 2 seconds. Repeat this step until the component turns back on.
5. To finish, press and hold the STOP button until the light on the remote turns off.

Tip

To stop the automatic code search without programming any components, press and hold CLEAR until the light on the remote turns off.

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Using Direct Entry

1. Turn on the component you want the remote to operate.
2. Look up the brand and code number(s) for the component on the code list on page 7.
3. Press and hold the component button that corresponds to the component you want the remote to operate (VCR1, VCR2, SAT•CABLE, or AUX)
4. Enter the code from the code list.
5. Release the component button.
6. Press ON•OFF to see if the component responds to the remote commands. If it doesn't, try pressing the component button and then ON•OFF again.
7. If you get no response, repeat these steps using the next code listed for your brand until the component responds to the remote commands.

Note: If you try all the codes for your component brand and none work, try the automatic code search method. If automatic code search doesn't find the code, the remote is not compatible with your component.

Tip

The buttons might operate differently for other components, especially when you're using another component's menu system.

How to Use the Remote After You've Programmed It

Once the remote has been programmed successfully, you are ready to use it to control your components. To operate the component:

1. Press the component button (VCR1, VCR2, SAT•CABLE, or AUX) to set the remote to operate the component.
2. Press ON•OFF to turn the component ON or OFF.
3. Use the remote buttons that apply to that component.

Note: If you keep pressing buttons and nothing happens, the remote is probably in the wrong mode. You must press the component button that matches the component you want to operate (i.e., if you want to operate the VCR, press VCR1 on the remote control to put the remote in VCR mode.)

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Code List

VCR Codes

Program to VCR1, VCR2, AUX buttons

Admiral 2131
Adventura 2026
Aiko 2027
Aiwa 2002, 2026
Akai 2003, 2004, 2005, 2007, 2008, 2111,2112, 2113
American High 2021
Asha 2013
Audio Dynamics 2009, 2010
Audiovox 2014
Bell & Howell 2011
Beaumark 2013
Broksonic 2012, 2025
Calix 2014
Candle 2013, 2014, 2015, 2016, 2017, 2018, 2019
Canon 2021, 2022, 2114
Capehart 2020, 2110
Carver 2062
CCE 2027, 2061
Citizen 2013, 2014, 2015, 2016, 2017, 2018,2019,2027
Colortyme 2009
Colt 2061
Craig 2013, 2014, 2023, 2061
Curtis-Mathes ..... 2000, 2002, 2009, 2013, ... 2016, 2018, 2021, 2022, 2024, 2115
Cybernex 2013
Daewoo ... 2015, 2017, 2019,2025, 2026, 2027, 2028, 2110
Daytron 2110
Dbx 2009, 2010
Dimensia 2000
Dynatech 2002, 2026
Electrohome 2014, 2029
Electrophonic 2014
Emerson ..... 2002, 2012,2014, ... 2015, 2021, 2024, 2025,2026,2029, 2030, 2032, ... 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, ... 2042, 2044, 2045, 2047, 2065, 2105, 2113, 2116, 2117, 2130
Fisher 2011, 2023, 2048, 2049, 2050, 2051, 2052,2118
Fuji 2021, 2119
Funai 2002, 2026
Garrard 2026
GE 2000, 2001, 2013, 2021, 2022, 2053, 2115, 2120
Goldstar 2009, 2014, 2018, 2054, 2121
Gradiente 2026
Harley Davidson 2026
Harman Kardon 2009
Harwood 2061
Headquarter 2011
Hitachi ... 2002, 2055, 2056, 2057, 2107, 2111, 2120, 2122
HI-Q 2023
Instant Replay 2021
JCL 2021
JC Penney ..... 2009, 2010, 2011, 2013, 2014, 2021, ... 2022, 2055, 2056, 2058, 2059, 2060, 2107, 2118
Jensen 2055, 2056, 2111
JVC 2009, 2010, 2011, 2018, 2058, 2111, 2123
Kenwood . 2009, 2010, 2011, 2016, 2018, 2058, 2111,2123
KLH 2061
Kodak 2014, 2021
Lloyd 2002, 2026
Logik 2061
LXI 2014
Magnavox 2021, 2022, 2062, 2063, 2104, 2108, 2124
Magnin 2013
Marantz ..... 2009, 2010, 2011, ... 2016, 2018, 2021, 2058, 2062,2064
Marta 2014
Masushita 2021
MEI 2021
Memorex ..... 2002, 2011, ... 2013, 2014, 2021, 2023, 2026, 2104, 2131
MGA 2029, 2065, 2113
MGN Technology 2013
Midland 2053
Minolta 2055, 2056, 2107
Mitsubishi ..... 2029, 2055, 2056, 2065, 2066, 2067, 2069, ... 2070, 2071, 2072, 2073, 2074, 2106, 2113, 2123
Montgomery Ward 2075, 2131
Motorola 2021,2131
MTC 2002, 2013, 2026
Multitech 2002, 2013, 2016, 2026, 2053, 2061
NEC ..... 2009, 2010, 2011, 2016, 2018, ... 2058, 2064, 2076, 2078, 2079, 2111, 2123
Nikko 2014
Noblex 2013
Olympus 2021
Optimus 2014, 2131
Optonica 2096
Orion 2035
Panasonic 2021, 2022, 2109, 2125, 2126, 2127
Pentax 2016, 2055, 2056, 2107, 2120
Pentex Research 2018
Philco 2021, 2022, 2062, 2063
Philips 2021, 2062, 2096, 2124
Pilot 2014
Pioneer 2010, 2055, 2080, 2081, 2123
Portland 2016, 2017, 2019, 2110
ProScan 2000, 2001
Protec 2061
Pulsar 2104
Quarter 2011
Quartz 2011
Quasar 2021, 2022, 2125
RCA ..... 2000, 2001, 2003, 2013, 2021, ... 2055, 2056, 2082, 2083, 2084,2085, 2086,2087, ... 2088, 2089, 2090, 2091, 2107, 2115, 2120, 2125
Radioshack/Realistic ..... 2002, 2011, 2013, 2014 .... 2021, 2022, 2023, 2026, 2029, 2049, 2050, 2096, 2131
Radix 2014
Randex 2014
Ricoh 2128
Runco 2104
Samsung 2005, 2013, 2015, 2033, 2053, 2112
Sanky 2131, 2104
Sansui 2010, 2092, 2111, 2123
Sanyo 2011, 2013, 2023
Scott 2012, 2015, 2025, 2032, 2035, 2038, 2065, 2093, 2116
Sears ..... 2011, 2014, 2021, 2023, 2048, ... 2049, 2050, 2051, 2055, 2056, 2107, 2118
Sharp 2002, 2017, 2029, 2094, 2095, 2096, 2131
Shintom 2004, 2056, 2061, 2098
Shogun 2013
Signature 2002, 2131
Singer 2021, 2061, 2128
Sony 2002, 2004, 2098, 2099, 2119, 2128
STS 2021, 2107
Sylvania . 2002, 2021, 2022, 2026, 2062, 2063, 2065, 2124
Symphonic 2002, 2026
Tandy 2002, 2011
Tashiko 2014
Tatung 2058, 2111
TEAC 2002, 2026, 2058, 2085, 2111
Technics 2021, 2109
Teknika 2002, 2014, 2021, 2026, 2100, 2129
TMK 2013, 2024, 2047
Toshiba 2015, 2049, 2051, 2055, 2065, 2093, 2116
ToteVision 2013, 2014
Unitech 2013
Vector Research 2009, 2010, 2015, 2016
Victor 2010
Video Concepts 2009, 2010, 2015, 2016, 2113
Videosonic 2013
Wards ..... , 2002, 2013, 2014, 2015, 2021, 2023, 2026, ... 2029, 2055, 2056, 2061, 2096, 2101, 2102, 2103, 2107, 2116, 2131
XR-1000 ..... 2021, 2026, 2061
Yamaha 2009, 2010, 2011, 2018, 2058, 2111
Zenith 2004, 2098, 2104, 2119, 2128

Cable Boxes Codes

Program to SAT•CABLE or AUX button

ABC 5002, 5003, 5004, 5005, 5006, 5007, 5053
Antronix 5008, 5009
Archer 5008, 5009, 5010, 5011
Cabletenna 5008
Cableview 5008
Century 5011
Citizen 5011
Colour Voice 5012, 5013
Comtronics 5014, 5015
Contec 5016
Eastern 5017
Garrard 5011
GC Electronics 5009
Gemini 5018, 5019, 5049
General Instrument 5003
Hamlin 5020, 5021, 5022, 5035, 5045
Hitachi 5003
Hytex 5002
Jasco 5011
Jerrold ... 5003, 5005, 5007,5018, 5023, 5024, 5046, 5053
Magnavox 5025
Memorex 5026
Movie Time 5002, 5027, 5028
NSC 5002, 5027, 5028
Oak 5002,5016, 5029
Panasonic 5048, 5052
Paragon 5026
Philips 5011, 5012, 5013, 5019, 5025, 5030, 5031, 5032
Pioneer 5033, 5034
Pulsar 5026
RCA 5047, 5049, 5052
Realistic 5009, 5049
Regal 5022, 5035
Regency 5017
Rembrandt 5003
Runco 5026
Samsung 5014, 5034
Scientific Atlanta 5006, 5036, 5037, 5038
Signal 5014, 5018
Signature 5003
SL Marx 5014
Sprucer 5052
Starcom 5007, 5018, 5053
Stargate 5014, 5018
Starquest 5018
Tandy 5040
Teleview 5014
Tocom 5004, 5023, 5041
Toshiba 5026
Tusa 5018
TV86 5027
Unika 5008, 5009, 5011
United Artists 5002
United Cable 5053
Universal 5008, 5009, 5010, 5011
Videoway 5044
Viewstar 5015, 5025, 5027, 5040
Zenith 5026, 5050, 5051

Satellite Receivers Codes

Program to SAT•CABLE or AUX button

Chapparal 5056, 5057
Drake 5058, 5059
GE 5000
General Instruments 5060, 5061, 5062
Panasonic 5075
Primestar 5076
ProScan 5000
RCA 5000
Realistic 5063
Sony 5072
STS1 5064
STS2 5065
STS3 5066
STS4 5067
Toshiba 5068
Toshiba 5073
Uniden 5069

Audio Codes

Program to AUX button (for Dimensia and some RCA brands only)

AM/FM 4003
Aux 4004
Phono 4005
CD 4007
Tape 4006

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Menus and Features

Chapter Overview:

- Menu Icons
- Picture & Sound Menu
- Tuning Menu
- Other Resources Menu
- Channel Marker

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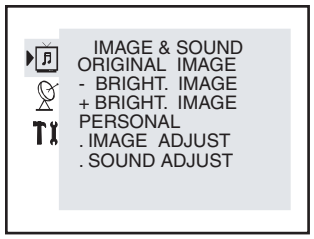

Menu Icons

The menu icons that appear on the left side of every menu screen let you move from menu to menu easily.

To enter a menu:

1. Press MENU to bring up the TV's *IMAGE & SOUND* menu.
2. Point to a menu icon using the up and down arrow buttons on the remote. Enter the menu you want by pressing OK.
3. To exit any menu screen, press MENU.

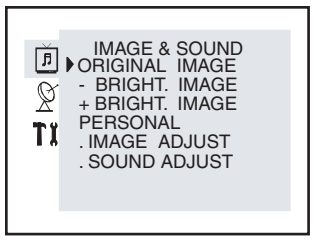

Image & Sound Menu

The *IMAGE & SOUND* menu lets you adjust the TV's picture and sound settings to match your preference. Use the up and down arrows to move the cursor. Press OK to select a menu item. Use the left and right arrow buttons to adjust an item's setting.

ORIGINAL IMAGE Returns the picture settings to their factory defaults.

– BRIGHT. Sets the picture to a darker overall level.

+ BRIGHT. Sets the picture to a brighter overall level.

PERSONAL Adjusts the picture to your customized *PERSONAL* settings, which you can define in the *IMAGE ADJUST* menu described below.

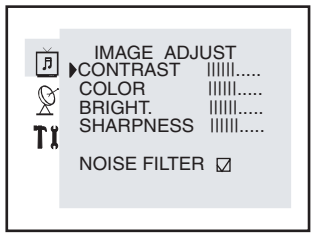

IMAGE ADJUST Lets you create a custom picture setting, which you save as your *PERSONAL* setting. The *IMAGE ADJUST* menu appears when you select *IMAGE ADJUST* in the *IMAGE & SOUND* menu.

Use the up and down arrow buttons to place the cursor next the menu item you want to adjust. Select that item by pressing OK. Then, use the left and right arrows to adjust the value of the setting. Press OK to return to the *IMAGE ADJUST* menu.

CONTRAST Adjusts the difference between light and dark areas of the picture.

COLOR Adjusts the richness of the color.

BRIGHT. Adjusts the brightness of the picture.

SHARPNESS Adjusts the crispness of edges in the picture.

TINT (only available for NTSC systems) Adjusts the balance of red and green in the picture.

NOISE FILTER Choose this item to reduce the amount of interference (or "snow") in the picture for weak or distorted signals.

Tip

Feel free to explore the menu system. If you're ever unsure where you are in the menu system, or you're just plain tired of exploring, press CLEAR to remove the menus from the screen and start over again.

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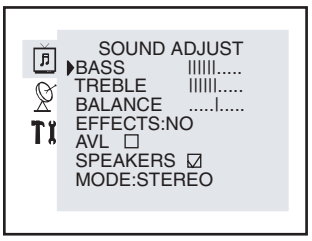

SOUND ADJUST Lets you adjust the TV's sound settings. The *SOUND ADJUST* menu appears when you select this item. Use the left and right arrow buttons to adjust the value of each item. Press the left arrow button to return to the *IMAGE & SOUND* menu when you've finished.

BASS Use the left and right arrow buttons to adjust the TV's bass.

TREBLE Use the left and right arrow buttons to adjust the TV's treble.

BALANCE Use the left and right arrow buttons to adjust balance of sound between the TV's speakers.

EFFECTS Press the left arrow button to access the *EFFECTS* menu.

NO No effect is applied to the sound.

SPATIAL Electronically "widens" sound from stereo broadcasts, stereo VCRs, digital satellite systems, DVD players, and Laserdisc players for a fuller, more spacious sound.

SURROUND Electronically expands a stereo signal to create a more "involving" sound.

AVL (Auto volume) Reduces the annoying blasts in volume during commercial breaks, and also amplifies softer sounds in program material. Eliminates the need to constantly adjust volume control.

SPEAKER Press OK to toggle between checked (which turns on your TV's internal speakers) and unchecked (which turns off your TV's internal speakers).

MODE Press OK to toggle between the following options:

MONO Plays the sound in mono only. Use this setting when receiving broadcasts with weak stereo signals.

STEREO Splits the incoming stereo audio signal into left and right channels. Most TV programs and recorded materials have stereo audio.

SAP (Secondary Audio Program) Plays the program's audio in a second language, if one is available. SAP audio is broadcast in mono. SAP is also used to broadcast a program's audio with descriptions of the video for the visually impaired.

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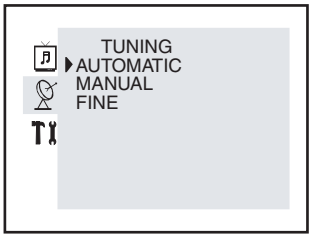

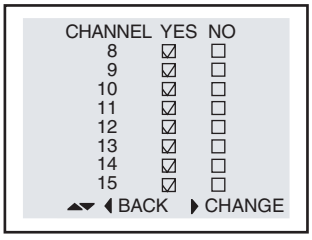

Tuning Menu

The Tuning menu allows you to perform automatic tuning, include or exclude channels from your channel list, perform fine tuning adjustments on individual channels, and select the broadcast system used in your area.

AUTOMATIC Press OK to start the automatic tuning procedure, which places all active channels into memory (*for more information, see page 11*).

MANUAL Lets you choose which channels you'd like to exclude from your channel list. The manual tuning menu (shown on the left) appears when you select *MANUAL*. Use the up and down arrows to highlight individual channel numbers. Press OK to toggle the status of the channel between active (*YES*) and inactive (*NO*). Press MENU to return to the tuning menu.

FINE Select this menu item to adjust the fine tuning of your current channel. Use the left and right arrow buttons to adjust the fine tuning slider.

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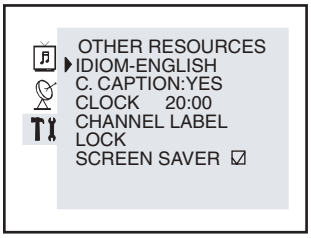
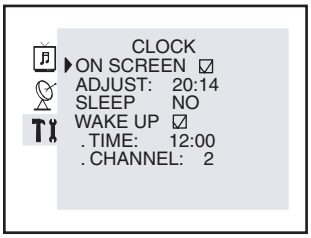




Other Resources Menu

IDIOM Press OK to select your preferred language for the menus: *ENGLISH* or *SPANISH*. Press MENU to exit.

C.CAPTION Press OK to toggle between *YES* (to activate closed captioning if available) and *NO* (to deactivate closed captioning). Press MENU to exit.

CLOCK Lets you set the TV's clock and adjust the TV's clock functions, such as the sleep and wake-up timers. The *CLOCK* menu appears when you select *CLOCK* from the *OTHER RESOURCES* menu. Press OK to adjust the value of each item. Press the left arrow button to return to the *OTHER RESOURCES* menu when you've finished.

ON SCREEN Displays the time in the channel banner every time you change channels. Press OK to check or uncheck the box.

ADJUST Press OK to select. Then, set the current time with the number buttons on the remote control.

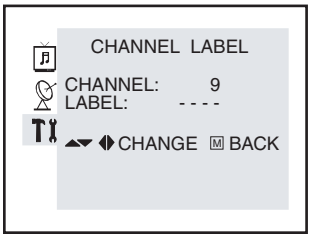
SLEEP This function automatically turns your TV off after a certain amount of time. Use the left and right arrow buttons to set the amount of time you want the TV to remain on before it automatically shuts off. Each time you press the right arrow button you add 15 minutes. Each time you press the left arrow button you subtract 15 minutes. Set the *SLEEP* function to *NO* to deactivate the sleep timer.

WAKE UP Turns the TV on automatically at a set time on a set channel. Press OK to turn this function on and off. Press the down arrow button to set the parameters for the wake-up timer.

TIME Press OK to select. Then, use the number buttons on the remote to enter the time you want the TV to turn on automatically.

CHANNEL Press OK to select. Then, use the number buttons to select the channel you want the TV to tune to when it turns on automatically.

Note: If the wake-up timer turns on your TV and the TV remains inactive for five minutes, your TV will turn off automatically.



CHANNEL LABEL Lets you name up to 60 channels in your channel list. The *CHANNEL LABEL* menu appears when you select this item.

CHANNEL Use the left and right arrow buttons to go through the active channel list until you've found the channel you want to name. Press the down arrow to select that channel and move to the *LABEL* field to name it.

LABEL Use the up and down arrow buttons to enter a four-character label for the channel. You can also use the number buttons to enter numbers. Press the left arrow button to go to the next character. Press the right arrow button to go back to the previous character. Once you've entered all four characters, press MENU to confirm the name. Press CLEAR to exit.

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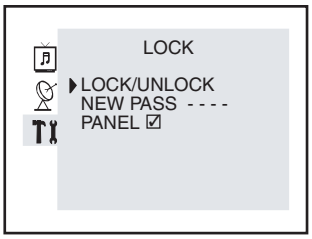
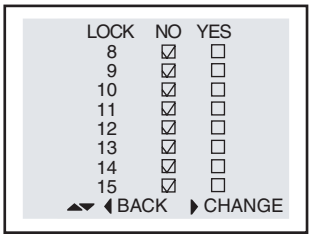




LOCK Press OK to select *LOCK*. To access the *LOCK* menu, use the number buttons on the remote to enter your password. The first time you use this feature, enter the default password, "7685." After that you can use either your own password once you've set it, or the factory password.

LOCK/UNLOCK Press OK to access the channel lock menu. Then, use the up and down arrow buttons to highlight the channel you'd like to lock or unlock. Press OK to change the channel's status. Press the left arrow button to return to the *LOCK* menu when you've finished.

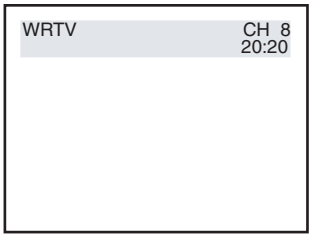
NO Leaves the selected channel unlocked.

YES Locks the selected channel.

NEW PASS Use the number buttons on your remote to set a new password.

PANEL Locks and unlocks the front panel. Press OK to turn the front panel lock on and off. When the front panel is locked you must use the remote to operate the TV.

SCREEN SAVER Your TV has a built-in screen saver that appears when there is no signal present in order to prolong the life of your TV. Press OK to turn the screen saver function on or off.



Channel Marker

The Channel Marker comes up when you first turn on the TV, change channels, or press the INFO button.

WRTV Displays the label assigned to the current channel.

CH 8 Displays the current channel.

20:20 Displays the current time.

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Other Information

Chapter Overview:

- Troubleshooting
- Care and Cleaning
- The Front of Your TV
- Index

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Troubleshooting

Most problems you encounter with your TV can be corrected by consulting the troubleshooting list that follows.

TV Problems

TV won't turn on

- Press the ON•OFF button on the remote control or the POWER button on the front of the TV.
- Make sure the TV is plugged in.
- Check the wall receptacle (or extension cord) to make sure it is "live" by plugging in something else.
- Something might be wrong with your remote control. Press the POWER button on the front of the TV. If the TV turns on, check the remote control solutions on the next page.
- Make sure the remote is pointed directly at the remote sensor on the TV's front panel.
- The front panel buttons may be locked (disabled). Use the remote control to unlock the front panel controls by selecting *LOCK* in the *OTHER RESOURCES* menu, entering your password (the default password is "7685"), then unchecking the box next to *PANEL* in the *LOCK* menu.

Front panel buttons don't work

- The front panel buttons may be locked (disabled). Use the remote control to unlock the front panel controls by selecting *LOCK* in the *OTHER RESOURCES* menu, entering your password (the default password is "7685"), then unchecking the box next to *PANEL* in the *LOCK* menu.
- Unplug the TV for 15 minutes and then plug it back in. Turn the TV on and try again.

TV turns off while playing

- The *SLEEP* function may have been activated.
- If the TV remains inactive for five minutes after being turned on by the *WAKE UP* function, it will automatically turn off.
- The electronic protection circuit may have been activated because of a power surge. Wait 30 seconds and then turn the TV on again. If this happens frequently, the voltage in your house may be abnormally high or low.

TV turns on unexpectedly

- The *WAKE UP* function may have been activated. Go to page 23 for instructions.

Blank screen

- Make sure the component connected to the TV is turned on.
- Try another channel.
- Make sure you have the signal source you want selected (TV, AV1, AV2 or AV3).

No sound, picture okay

- Maybe the sound is muted. Press the volume up button to restore sound.
- Make sure all audio cables are firmly connected.

Can't select certain channel

- Channel may be locked out in the *LOCK/UNLOCK* menu.
- Channel may not be in the channel memory. Try using the number buttons on the remote.
- If using a VCR, make sure the TV/VCR button on the VCR is in the correct mode (press the TV/VCR button on your VCR).

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No picture, no sound but TV is on

- The channel might be inactive — change channels.
- If you're watching your VCR and it's connected with coaxial cable to the ANTENNA jack, tune the TV to channel 3 or 4 (whichever channel is selected on the 3/4 switch on the back of your VCR). Also check to make sure the TV/VCR button on the VCR is in the correct mode (press the TV/VCR button on your VCR).

Sound okay, picture poor

- Check antenna connections. Make sure all of the cables are firmly connected to the jacks.
- Try adjusting sharpness function to improve weak signals. Go to page 20 for more instructions.

Black box appears on the screen

- Closed-captioning might be on. Check the *C.CAPTION* item in the *OTHER RESOURCES* menu. Go to page 23 for more instructions.

Color distorted in one or more areas of the screen

- Try unplugging the set for at least 15 minutes. Plug the set back in (make sure to insert the plug firmly into the socket) and press ON•OFF on the remote or POWER on the TV itself. For best results, position the TV before you plug it back in.

Closed captioning does not appear on the screen

- Make sure closed captioning is turned on in the *OTHER RESOURCES* menu. Go to page 23 for more instructions.
- Closed captioning appears on the screen only if the program being broadcast has closed captioning.

Forgot password

- Use the default password, "7685" to unlock the TV, then choose a new password.

The Remote Control Doesn't Work

- Something might be between the remote and the remote sensor on the component. Make sure there is a clear path.
- Maybe the remote isn't aimed directly at the TV.
- Maybe the batteries in remote are weak, dead or installed incorrectly. Put new batteries in the remote.
- You might need to drain the remote's microprocessor: remove batteries and press the number 1 button for at least 60 seconds. Release the 1 button, replace the batteries and re-program the remote (if necessary).

Care and Cleaning

CAUTION: Turn OFF your TV before cleaning.
You can clean the TV as required, using a soft lint-free cloth. Be sure to occasionally dust the ventilation slots in the cabinet to help assure adequate ventilation.
The TV's screen may be cleaned with a soft, lint-free cloth as well. Take care not to scratch or mar the screen. If necessary, you may use a cloth dampened with warm water.
Never use strong cleaning agents, such as ammonia-based cleaners, or abrasive powder. These types of cleaners will damage the TV.

While cleaning do not spray liquid directly on the screen, or allow liquid to run down the screen and inside the TV. Also, avoid placing drinks or vases with water on top of the TV. This could increase the risk of fire or shock hazard or damage to the TV.

Caution: If fixed (non-moving) images are left on the screen for long periods, they may be permanently imprinted on the picture tube. Such images include network logos, phone numbers, and video games. This damage is not covered by your warranty. Extended viewing of channels displaying these images should be avoided.

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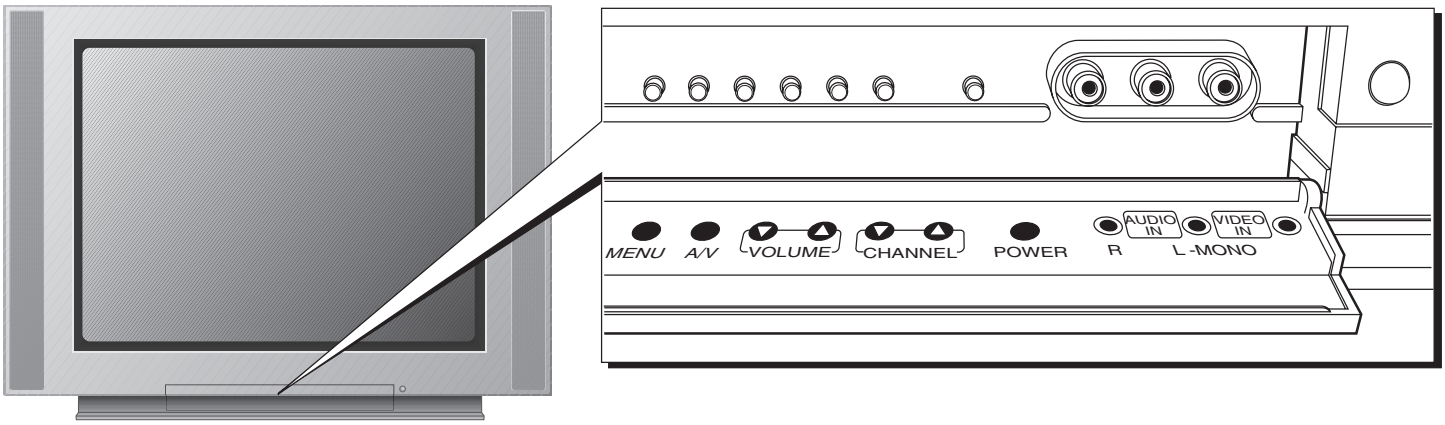

The Front of Your TV

Front Panel Buttons

If you can't locate your remote you can use the buttons on your TV's front panel to operate many of the TV's features.

To access these buttons, push the middle of the door located at the bottom-center of the front of your TV. When the door pops out, pull the top down to reveal the buttons. The label for each button is on the back of the door itself, directly below the button when the door is open.

MENU Brings up or exits the menu system.

A/V Changes the input source (TV, AV1, AV2, AV3).

VOLUME down Decreases the volume. When you're using the TV's menu system, it acts like a left arrow.

VOLUME up Increases the volume. When you're using the TV's menu system, it acts like a right arrow.

CHANNEL down Scans down through the current channel list. When you're using the TV's menu system, it acts like a down arrow.

CHANNEL up Scans up through the channel list. When you're using the TV's menu system, it acts like an up arrow.

POWER Turns the TV on and off.

Front Panel Input Jacks

You can access the component you connected by pressing the INPUT button on your remote (or the A/V button on the front panel) to select AV3.

VIDEO (in) Allows you to connect a component such as a video game console, camcorder, VCR or internet access device.

AUDIO L and R (in) Receives audio signals from another component such as a video game console, camcorder, VCR or internet access device.

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Index

A

ANTENNA
  Button 14
  Jack 6, 7, 8, 11
Arrow buttons 10, 14
AUDIO OUT jacks 9
Audio receiver, connecting 5, 9
Automatic code search 16
AUX (auxiliary) button 14

B

Batteries 10
Brightness 20
Buttons, remote control 14

C

CH +/- buttons 14
Channel guide 12, 14
Channel labels 23
Channel lock 24
Channel marker 24
CLEAR button 14
Clock 23
Closed captioning 23
Code list 18
Connections
  Audio receiver 5, 9
  DVD player 5, 9
  Satellite receiver 5
  VCR 5, 6
Contrast 20

D

DVD player
  Connections 5, 9
  Remote control button 14

F

Fine tuning 22
Fixed images 27
Front panel 24, 28

G

GO BACK button 14
GUIDE button 12, 14

I

Image & Sound menu 21
Image adjust 20
Important safeguards 4
INFO button 14
INPUT button 14

J

Jacks
  ANTENNA 6, 7, 8, 9
  AUDIO OUT 9
  AV1 6, 7, 8, 9
  AV2 7, 8
  Front panel 28
  S-VHS 7, 8, 9

L

L.E.D. 14
Language 23
Locking the TV 24

M

MENU button 14
Menus
  Image & Sound 20, 21
  Language 23
  Other Resources 24
MUTE button 14

N

Number buttons 14

O

OK button 10, 14
ON•OFF button 10, 14
Other Resources menu 24

P

PAUSE button 15
Personal image settings 20
PLAY button 15
POWER button (on the TV) 10
Power surges 4, 26
Programming the remote 16, 18

R

Remote control
  Arrow buttons 10, 14
  Automatic code search 16
  Batteries 10
  Buttons 14, 15
  Codes 18
  L.E.D. 14
  Navigation 10
  Programming 16

S

S-VHS jack 7, 8
SAP (Second Audio Program) 21
SAT•CABLE button 15
Satellite receiver 5
Screen saver 24
Setup 10, 11, 12
Sharpness 20
SKIP button 15
Sleep timer 23
Sound adjust 21
SOUND button 15
Speakers 21
STOP button 15
Surround sound 21

T

Tint 20
Transport buttons 14
Troubleshooting 26
TV button 15

U

Unlocking the TV 24

V

VCR
  Connections 5, 6
VCR1/VCR2 buttons 15
VIDEO IN jack 7, 8, 9
VOL up/down buttons 15

W

Wake-up timer 23

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